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I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231, ON THE DATE INDICATED BELOW.

BY: Monica M. Feneel DATE: October 23, 2002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Patent Application of Peter Watts

Conf. No.: 5106

: Group Art Unit: 1615

Appln. No.: 09/749,152

: Examiner: Susan T. Tran

Filed: December 27, 2000

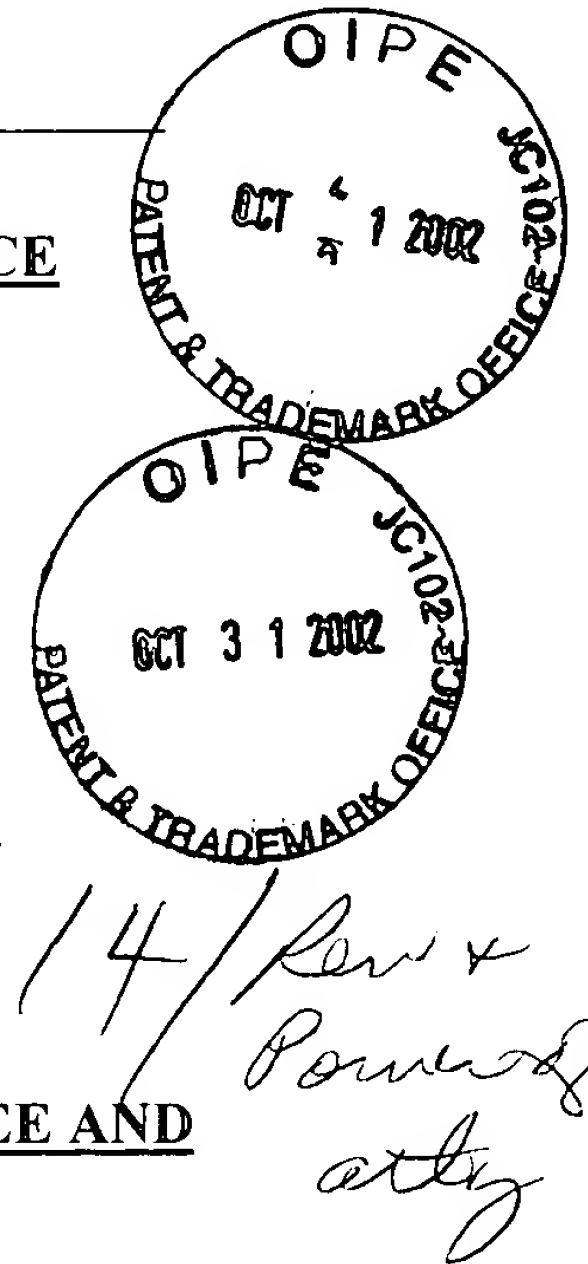
Title: COLONIC DRUG DELIVERY  
COMPOSITION

: Attorney Docket  
: No.: 10774-21U1

**REVOCATION AND APPOINTMENT OF ATTORNEY BY ASSIGNEE AND  
STATEMENT UNDER 37 C.F.R. §3.73(b)**

The undersigned states that she is authorized to sign the document on behalf of the assignee of the above application, that the evidentiary documents relating to the assignment of the above application have been reviewed, and she certifies that, to the best of assignee's knowledge and belief, title to the above application is in assignee by virtue of assignments in parent application number 08/765,347, now U.S. Patent No. 6,228,396 from the inventor to Danbiosyst UK Limited, recorded in the U.S. Patent and Trademark Office on January 6, 1997 at Reel 8439, Frame 0240 and from Danbiosyst UK Limited to West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited, recorded in the U.S. Patent and Trademark Office on February 1, 2000 at Reel 010567, Frames 0980. Copies of the assignments in the chain of title are attached.

West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited, assignee of the entire right, title and interest of the above application, by its undersigned representative, hereby revokes all previous Powers of Attorney and appoints the registered



attorneys and agents associated with Customer No. 000570, Akin, Gump, Strauss, Hauer & Feld, L.L.P., as its attorneys or agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all correspondence to **Customer No. 000570, namely, AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.**, One Commerce Square, 2005 Market Street, Suite 2200, Philadelphia, Pennsylvania 19103. Please direct all communications and telephone calls to **William W. Schwarze** at 215-965-1270 (telephone) or 215-965-1210 (facsimile).

Respectfully submitted,

West Pharmaceutical Services Drug Delivery & Clinical  
Research Centre Limited

16 Oct 02

Date

By:

J. Graver

Jane Graver

Company Secretary and Director of Administration

5/1974

DAN100



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Washington, D.C. 20231

MAY 23, 1997

PATREA L. PABST, ESQ.  
1201 W. PEACHTREE ST.  
2800 ONE ATLANTIC CTR.  
ATLANTA, GA 30309-3450



UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 02/10/1997

REEL/FRAME: 8439/0240  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
WATTS, PETER

DOC DATE: 01/06/1997

ASSIGNEE:  
DANBIOSYST UK LIMITED  
ALBERT EINSTEIN CENTRE, HIGHFIELDS SCIENCE PARK  
NOTTINGHAM, UNITED KINGDOM NG7 2TN

SERIAL NUMBER: 08765347  
PATENT NUMBER:

FILING DATE: 02/10/1997  
ISSUE DATE:

MAURICE CARTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

JUN 02 1997

PATENT

04-15-1997

Tab settings 0000

To the Honorable Commissioner of Patents and Trademark

Name of conveying party(ies): 2-10-97

Peter Watts

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: January 6, 1997



100393514

Name: Danbiosyst UK Limited

Internal Address:

Street Address: Albert Einstein Centre

Highfields Science Park

City: Nottingham State: UK ZIP: NG7 2TN

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Application number(s) or patent number(s):

08 765,347

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

08/765,347

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

Name and address of party to whom correspondence concerning document should be mailed:

Name: Patrea L. Pabst, Esq.

Internal Address: 2800 One Atlantic Ctr.

Street Address: 1201 W. Peachtree St.

City: Atlanta State: GA ZIP: 30309-3450

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:  
01-2507

(Attach duplicate copy of this page if paying by deposit account)

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Statement and signature.

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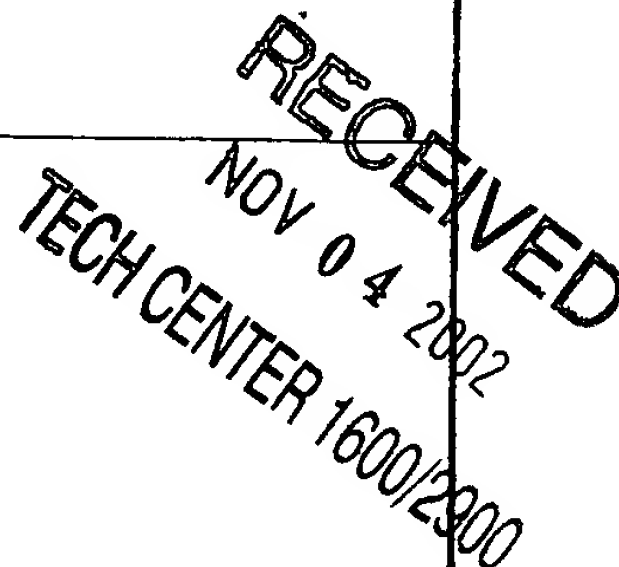
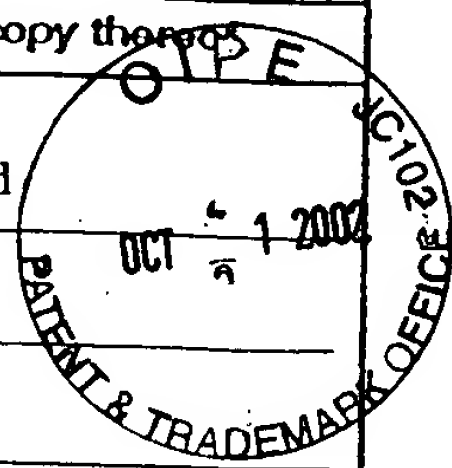
Patrea L. Pabst

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet:



## ASSIGNMENT

I, Peter Watts of Flat 2, 47 Highfield Road, West Bridgford, Nottingham NG2 6DR in consideration of One Dollar and other valuable consideration paid to us by Danbiosyst UK Limited a corporation of the England, having its principal place of business Albert Einstein Centre, Highfields Science Park, Nottingham, NG7 2TN, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Danbiosyst UK Limited its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in Controlled release drug delivery described in an application executed by one of even date herewith and about to be filed Serial No. 08/765,347, filed on December 19, 1996 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 6<sup>th</sup> day of January 1997

P. Watts (Peter Watts)



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 27, 2000

PTAS

ARNALL GOLDEN & GREGORY, LLP  
PATREA L. PABST, ESQ.  
2800 ONE ATLANTIC CENTER  
1201 WEST PEACHTREE STREET  
ATLANTA, GA 30309-3450



\*101284135A

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RECORDATION DATE: 02/01/2000

REEL/FRAME: 010567/0980  
NUMBER OF PAGES: 5

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
DANBIOSYST UK LIMITED

DOC DATE: 03/04/1999

ASSIGNEE:  
WEST PHARMACEUTICAL SERVICES DRUG  
DELIVERY & CLINICAL RESEARCH  
CENTRE LIMITED  
ALBERT EINSTEIN CENTRE, NOTTINGHAM  
SCIENCE AND TECHNOLOGY PARK  
UNIVERSITY BOULEVARD  
NOTTINGHAM, ENGLAND NG7 2TN

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MAY 03 2000

PATENT DEPT.

SERIAL NUMBER: 08234723  
PATENT NUMBER:

FILING DATE: 04/28/1994  
ISSUE DATE:

SERIAL NUMBER: 08765347  
PATENT NUMBER:

FILING DATE: 02/10/1997  
ISSUE DATE:

SERIAL NUMBER: 08776470  
PATENT NUMBER:

FILING DATE: 03/28/1997  
ISSUE DATE:

DOCKETED FOR \_\_\_\_\_  
5-10-00

SERIAL NUMBER: 08983156  
PATENT NUMBER: 6001395

FILING DATE: 03/30/1998  
ISSUE DATE: 12/14/1999

SERIAL NUMBER: 09000039  
PATENT NUMBER:

FILING DATE: 03/30/1998  
ISSUE DATE:

SERIAL NUMBER: 09011306  
PATENT NUMBER:

FILING DATE: 03/30/1998  
ISSUE DATE:

SERIAL NUMBER: 09059646  
PATENT NUMBER:

FILING DATE: 04/13/1998  
ISSUE DATE:

SERIAL NUMBER: 09088185  
PATENT NUMBER:

FILING DATE: 06/01/1998  
ISSUE DATE:

SERIAL NUMBER: 09094959  
PATENT NUMBER: 5928669

FILING DATE: 06/15/1998  
ISSUE DATE: 07/27/1999

SERIAL NUMBER: 09101254  
PATENT NUMBER:

FILING DATE: 08/03/1998  
ISSUE DATE:

SERIAL NUMBER: 09155235  
PATENT NUMBER:

FILING DATE: 10/30/1998  
ISSUE DATE:

SERIAL NUMBER: 09214527  
PATENT NUMBER:

FILING DATE: 04/07/1999  
ISSUE DATE:

SERIAL NUMBER: 09214561  
PATENT NUMBER:

FILING DATE: 04/07/1999  
ISSUE DATE:

SERIAL NUMBER: 09214580  
PATENT NUMBER:

FILING DATE: 03/30/1999  
ISSUE DATE:

SERIAL NUMBER: 09269903  
PATENT NUMBER:

FILING DATE: 05/06/1999  
ISSUE DATE:

SERIAL NUMBER: 07004189  
PATENT NUMBER: 4904479

FILING DATE: 01/15/1987  
ISSUE DATE: 02/27/1990

SERIAL NUMBER: 07469443  
PATENT NUMBER: 5204108

FILING DATE: 04/09/1990  
ISSUE DATE: 04/20/1993

SERIAL NUMBER: 08167611  
PATENT NUMBER: 5554388

FILING DATE: 12/14/1993  
ISSUE DATE: 09/10/1996

SERIAL NUMBER: 08256431  
PATENT NUMBER: 5629011

FILING DATE: 07/12/1994  
ISSUE DATE: 05/13/1997

SERIAL NUMBER: 08190022  
PATENT NUMBER: 5648095

FILING DATE: 07/08/1994  
ISSUE DATE: 07/15/1997

SERIAL NUMBER: 08412094  
PATENT NUMBER: 5690954

FILING DATE: 03/28/1995  
ISSUE DATE: 11/25/1997



010567/0980 PAGE 3

SERIAL NUMBER: 08359937  
PATENT NUMBER: 5707644

FILING DATE: 12/20/1994  
ISSUE DATE: 01/13/1998

SERIAL NUMBER: 08260611  
PATENT NUMBER: 5725871

FILING DATE: 06/15/1994  
ISSUE DATE: 03/10/1998

SERIAL NUMBER: 08576877  
PATENT NUMBER: 5744166

FILING DATE: 12/21/1995  
ISSUE DATE: 04/28/1998

SERIAL NUMBER: 08374671  
PATENT NUMBER: 5792475

FILING DATE: 04/14/1995  
ISSUE DATE: 08/11/1998

SERIAL NUMBER: 08877273  
PATENT NUMBER: 5804212

FILING DATE: 06/17/1997  
ISSUE DATE: 09/08/1998

SERIAL NUMBER: 08809158  
PATENT NUMBER: 5840341

FILING DATE: 04/21/1997  
ISSUE DATE: 11/24/1998

SERIAL NUMBER: 08899976  
PATENT NUMBER: 5863554

FILING DATE: 07/24/1997  
ISSUE DATE: 01/26/1999

SERIAL NUMBER: 08750738  
PATENT NUMBER: 5869103

FILING DATE: 04/04/1997  
ISSUE DATE: 02/09/1999

SERIAL NUMBER: 09094959  
PATENT NUMBER: 5928669

FILING DATE: 06/15/1998  
ISSUE DATE: 07/27/1999

SERIAL NUMBER: 08553401  
PATENT NUMBER: 5935604

FILING DATE: 07/01/1996  
ISSUE DATE: 08/10/1999

DIANE RUSSELE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

03-02-2000

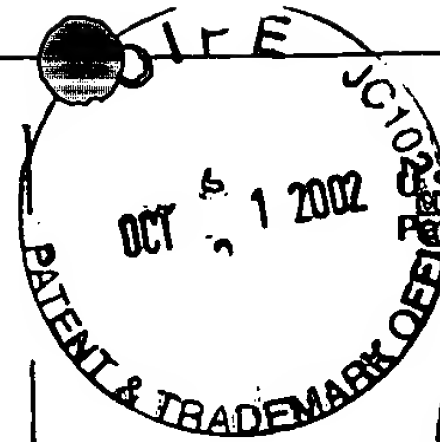


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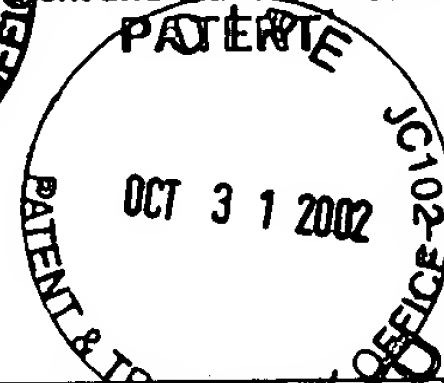
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Patent and Trademark Office



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Reel #  Frame #

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☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached  
Execution Date  
Month Day Year

Name (line 1) Danbiosyst UK Limited

03041999

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited

Name (line 2)

Address (line 1) Albert Einstein Centre, Nottingham Science and Technology Park

Address (line 2) University Boulevard

Address (line 3) Nottingham

England

NG7 2TN

City

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Mail documents to be recorded with required cover sheet(s) information to: West/General 20260/2  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number **(404) 873-8794**

Name **Patrea L. Pabst, Esq.**

Address (line 1) **Arnall Golden & Gregory, LLP**

Address (line 2) **2800 One Atlantic Center**

Address (line 3) **1201 West Peachtree Street**

Address (line 4) **Atlanta, GA 30309-3450**

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# **2**

**Application Number(s) or Patent Number(s)**

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**Patent Application Number(s)**

**Patent Number(s)**

**08234723**

**08983156**

**09059646**

**4904479**

**5629011**

**5707644**

**08765347**

**09000039**

**09088185**

**5204108**

**5648095**

**5725871**

**08776470**

**09011306**

**09094959**

**5554388**

**5690954**

**5744166**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# **31**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **1,240.00**

Method of Payment:  
Deposit Account

Enclosed ☒ Deposit Account ☒

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Deposit Account Number:

# **01-2507**

Authorization to charge additional fees:

Yes

☒

No

☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

**Kevin W. King**

Name of Person Signing

Reg. No.: 42,737

*Kevin W. King*  
Signature

**18 JAN. 2000**

Date

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Patent and Trademark Office  
PATENT

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Enter additional Conveying Parties

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

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Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09101254

09269903

09155235

09214527

09214561

09214580

Patent Number(s)

5792475

5928669

5804212

5935604

5840341

5863554

5869103



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# THE COMPANIES ACT 1985

Company No. 2360391

The Registrar of Companies for England and Wales hereby certifies that

**WEST PHARMACEUTICAL SERVICES DRUG DELIVERY &  
CLINICAL RESEARCH CENTRE LIMITED**

formerly called **DANBIOSYST UK LIMITED**

which name was changed by special resolution was incorporated under the  
**Companies Act 1985**

as a limited company on the **13th March 1989** and that the certificate of  
incorporation altered to meet the circumstances of the case was issued on  
the **4th March 1999**

Given at Companies House, Cardiff, the **2nd August 1999**

*P. G. [Signature]*

for the Registrar of Companies

I, Ian Mark Dee, of 10 Tennis Mews, The Park, Nottingham, England, a Chartered Patent Attorney, European Patent Attorney and Partner in the firm of Eric Potter Clarkson hereby certify that the attached is a true copy of the Certificate of Incorporation on change of Name as issued by the Registrar of Companies for England and Wales.

Signed: 

IAN MARK DEE

Date: 22 September 1999

Place: Nottingham, England